TYPICAL PROCEDURE FOR IMPACT SITE CONSTRUCTION
AT J. STROM THURMOND PROJECT, SAVANNAH RIVER, GA & SC

1. Demolition of existing site - removal of crossties, site furniture, and graded aggregate material, then transporting to landfill or storage site

2. Removal of any trees, overhanging limbs, and stumps for new site design

3. Grading of new site, including cut and/or fill (and filling stump holes), followed by compaction of soil (rain delays work until it dries out)

4. Loading, transporting, and unloading materials at site

5. Power Company installs buried primary distribution cable and necessary transformers

6. Install water and electric - trench and install cable from power source to electrical distribution panel, then to electric pedestal, make all electrical connections; trench and install pipe from water source to cutoff valves, then to spigot riser; backfill trenches, compact soil, fertilize and seed, then mulch (rain delays work until it dries out)

7. Layout of crossties, trenching for and leveling of foundation crossties (first level of ties) below grade

8. Building crosstie border walls - selecting good ties, sawing as needed, drilling for rebar, driving 24" x 5/8" rebar in staggered pattern for strength 36"

9. Placing seatboards on tie wall - sawing, drilling, screwing in place

10. Placing site furniture - dig hole, mix concrete, brace furniture (grill, utility table, lantern holder), and place concrete in hole; install site marker post

11. Move screenings (fine rock) from stockpile to site, spread evenly inside crosstie border, and compact it

12. Move crusher run (larger rock) from stockpile to site access drive, spread evenly, and compact it

13. Landscaping - plant shrubs, trees, and/or grass where soil was disturbed, then fertilize and mulch